



DIV4.ST25.txt
SUPPLEMENTAL SEQUENCE LISTING

<110> HO, CHIEN

TSAI, CHING-HSUAN

FANG, TSUEI-YUN

SHEN, TONG-JIAN

<120> LOW OXYGEN AFFINITY MUTANT HEMOGLOBINS

<130> 002547-20118/DIV4

<140> 09/986,667

<141> 2001-11-09

<160> 8

<170> PatentIn version 3.1

<210> 1

<211> 28

<212> DNA

<213> Artificial Sequence

220>

<223> DESCRIPTION OF ARTIFICIAL SEQUENCE: Primer to introduce betaN108
Q mutation into plasmid pHE2

<400> 1

cgtctgctgg gtcaggtact agtttgcg

28

<210> 2

<211> 30

<212> DNA

SUPPLEMENTAL SEQUENCE DIV4

<213> Artificial Sequence

<220>

<223> DESCRIPTION OF ARTIFICIAL SEQUENCE: Primer to introduce alphaD94
A mutation into plasmid pHE2

<400> 2

ctgcgtgttg ctccggtcaa cttcaaactg

30

<210> 3

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> DESCRIPTION OF ARTIFICIAL SEQUENCE: Primer to introduce betaL105
W mutation into plasmid pHE2

<400> 3

ggaaaacttc cgatggctgg gtaacgtac

29

<210> 4

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> DESCRIPTION OF ARTIFICIAL SEQUENCE: Primer to introduce betaN108
Q mutation into plasmid pHE7

<400> 4

acagaccagt acttgtccca ggagcct

27

<210> 5

<211> 1140

<212> DNA

<213> Homo sapiens

SUPPLEMENTAL SEQUENCE DIV4

```

<400> 5
aaatgagctg ttgacaatta atcatcggct cgtataatgt gtggaattgt gagcggataa    60
caatttcaca caggaaacag aattcgagct cggtagcccg gctacatgga gattaactca    120
atctagaggg tattaataat gtatcgctta aataaggagg aataacatat ggtgctgtct    180
cctgccgaca agaccaacgt caaggccgcc tggggtaagg tcggcgcgca cgctggcgag    240
tatgggtgcg aggccctgga gaggatgttc ctgtccttcc ccaccaccaa gacctacttc    300
ccgcacttcg atctgagcca cggtctgtcc cagggttaagg gccacggcaa gaaggtggcc    360
gacgcgctga ccaacgccgt ggcgcacgtg gacgacatgc ccaacgcgct gtccgccctg    420
agcgacctgc acgcgcacaa gcttcgggtg gacccgggtca acttcaagct cctaagccac    480
tgctgctgg tgaccctggc cgccacctc cccgccgagt tcaccctgc ggtgcacgcc    540
tccctggaca agttcctggc ttctgtgagc accgtgctga cctccaaata ccgttaaact    600
agaggggtatt aataatgtat cgcttaaata aggaggaata acatatggtg cacctgactc    660
ctgaggagaa gtctgccgtt actgccctgt ggggcaagggt gaacgtggat gaagttggtg    720
gtgaggccct gggcaggctg ctggtggtct acccttggac ccagagggtc tttgagtcct    780
ttggggatct gtccactcct gatgctgtta tgggcaaccc taagggtgaag gctcatggca    840
agaaagtgct cggtgccctt agtgatggcc tggtcacct ggacaacctc aagggcacct    900
ttgccacact gagtgagctg cactgtgaca agctgcacgt ggatcctgag aacttcaggc    960
tcctgggaca agtactggtc tgtgtgctgg cccatcactt tggcaaagaa ttcacccac   1020
cagtgcaggc tgcctatcag aaagtgggtg ctggtgtggc taatgccctg gccacaagt   1080
atcactaagc atgcatctgt tttggcggat gagagaagat tttcagcctg atacagatta   1140

```

<210> 6

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> DESCRIPTION OF ARTIFICIAL SEQUENCE: Primer to introduce betaL105 W mutation into plasmid pHE7

SUPPLEMENTAL SEQUENCE DIV4

<400> 6
cctgagaact tcaggtggct aggcaacgtg ctggtc 36

<210> 7
<211> 1140
<212> DNA
<213> Homo sapiens

<400> 7
aaatgagctg ttgacaatta atcatcggct cgtataatgt gtggaattgt gagcggataa 60
caatttcaca caggaaacag aattcgagct cggtagcccg gctacatgga gattaactca 120
atctagaggg tattaataat gtatcgctta aataaggagg aataacatat ggtgctgtct 180
cctgccgaca agaccaacgt caaggccgcc tggggtaagg tcggcgcgca cgctggcgag 240
tatggtgcgg aggccctgga gaggatgttc ctgtccttcc ccaccaccaa gacctacttc 300
ccgcacttcg atctgagcca cggctctgcc cagggttaagg gccacggcaa gaaggtggcc 360
gacgcgctga ccaacgccgt ggcgcacgtg gacgacatgc ccaacgcgct gtccgccctg 420
agcgacctgc acgcgcacaa gcttcgggtg gacccggtca acttcaagct cctaagccac 480
tgctgctgg tgaccctggc cgccacctc cccgccgagt tcaccctgc ggtgcacgcc 540
tccctggaca agttcctggc ttctgtgagc accgtgctga cctccaaata ccgttaaact 600
agaggggtatt aataatgtat cgcttaaata aggaggaata acatatggtg cacctgactc 660
ctgaggagaa gtctgccgtt actgccctgt ggggcaaggt gaacgtggat gaagttggtg 720
gtgaggccct gggcaggctg ctggtggtct acccttggac ccagagggtt tttgagtcct 780
ttggggatct gtccactcct gatgctgtta tgggcaaccc taaggagaag gctcatggca 840
agaaagtgc cggcgccttt agtgatggcc tggctcacct ggacaacctc aagggcacct 900
ttgccacact gaggtagctg cactgtgaca agctgcacgt ggatcctgag aacttcaggt 960
ggctaggcaa cgtgctggc tgtgtgctgg cccatcactt tggcaaagaa ttcacccac 1020
cagtgcaggc tgcctatcag aaagtgggtg ctggtgtggc taatgccctg gccacaagt 1080
atcactaagc atgcatctgt tttggcggat gagagaagat tttcagcctg atacagatta 1140

SUPPLEMENTAL SEQUENCE DIV4

```
<210>      8
<211>     146
<212>      PRT
<213>      Homo sapiens
```

<400> 8

[illegible]